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<b>(21) International Application Number:</b> PCT/SE94/00343 <b>(22) International Filing Date:</b> 18 April 1994 (18.04.94)  <b>(30) Priority Data:</b> 9301270-6      19 April 1993 (19.04.93)      SE  <b>(71)(72) Applicants and Inventors:</b> NILSSON, Kurt [SE/SE]; Andjaktsv. 6, S-226 53 Lund (SE). MANDENIUS, Carl-Fredrik [SE/SE]; Strömkarlsv. 36, S-141 42 Huddinge (SE).	<b>(81) Designated States:</b> CA, CZ, JP, RU, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report. In English translation (filed in Swedish).</i>	
<b>(54) Title:</b> IMMOBILIZED CARBOHYDRATE BIOSENSOR  <b>(57) Abstract</b>  The present application refers to a biosensor in which an immobilized carbohydrate or a derivative thereof is used to generate a detectable signal when a protein, a virus or a cell is bound to the carbohydrate surface. The sensor is an optical sensor, a piezoelectric sensor, an electrochemical electrode or a thermistor. A method of binding carbohydrates to a gold surface is also described.		